

Title (en)

LAUNDRY DRYING MACHINE WITH STEAMING FUNCTION AND RELATED OPERATING METHOD

Title (de)

WÄSCHETROCKNER MIT DÄMPFFUNKTION UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)

MACHINE À SÉCHER LE LINGE AVEC FONCTION VAPEUR ET PROCÉDÉ DE FONCTIONNEMENT ASSOCIÉ

Publication

**EP 4029981 A1 20220720 (EN)**

Application

**EP 21151488 A 20210114**

Priority

EP 21151488 A 20210114

Abstract (en)

A laundry dryer (1) with steaming function, comprising:- a laundry treatment chamber (2),- a drying process air circuit (3),- a steamer (20) comprising a steam generator (23), a steam injector (24) to inject steam into the treatment chamber (2), and a steam condensate conduit (40) for leading away any liquid condensed from the steam stream to be injected by the steam injector (24) into the treatment chamber (2), and- a siphon-trap (41) arranged in the steam condensation conduit (40) to receive steam condensate therefrom. The dryer further includes an additional input (42) of liquid to siphon-trap (41), additional to the steam condensate. A method for operating the laundry dryer is also disclosed.

IPC 8 full level

**D06F 58/20** (2006.01); **D06F 58/30** (2020.01); **D06F 39/00** (2020.01); **D06F 58/24** (2006.01); **D06F 105/40** (2020.01)

CPC (source: CN EP)

**D06F 58/203** (2013.01 - CN EP); **D06F 58/24** (2013.01 - CN); **D06F 58/30** (2020.02 - EP); **D06F 39/40** (2024.01 - EP); **D06F 58/20** (2013.01 - EP); **D06F 58/24** (2013.01 - EP); **D06F 2105/40** (2020.02 - EP)

Citation (applicant)

- EP 1959048 B1 20090408 - ELECTROLUX HOME PROD CORP [BE]
- WO 2017036553 A1 20170309 - ARCELIK AS [TR]

Citation (search report)

- [I] US 2008313920 A1 20081225 - FINKE MICHAEL [DE], et al
- [A] DE 102011081936 A1 20130307 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

**EP 21151488 A 20210114**; AU 2021266309 A 20211111; CN 202210026662 A 20220111; PL 21151488 T 20210114